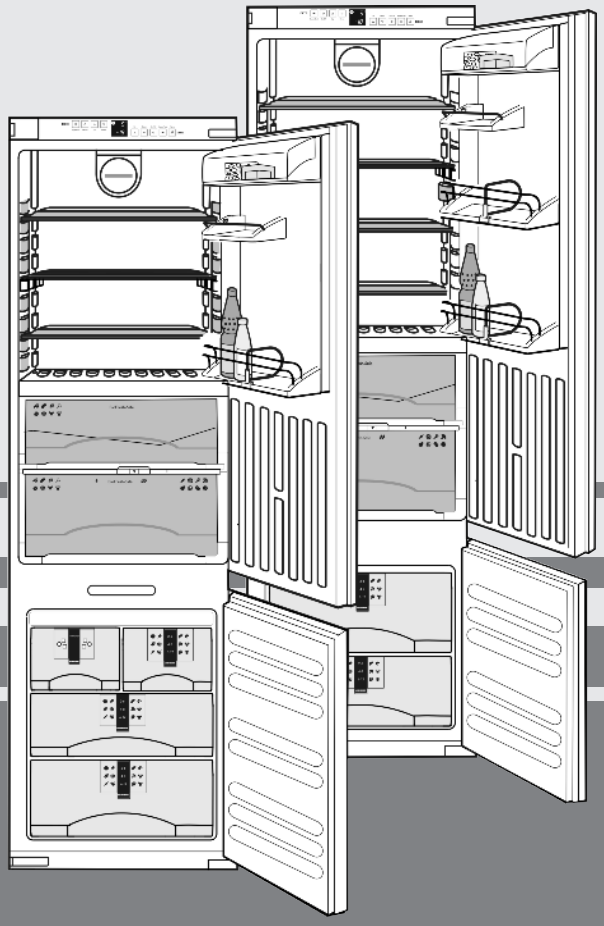
Operating and installation instructions

GB

Combined fridge-freezer with BioFresh compartment for integrated use, door-on-door



010410 **7084282 - 03**

ICB/ICBP/ICBN/SICBN ... 6

LIEBHERR

Contents

1	**Appliance at a glance**	**2**
1.1	Description of appliance and equipment	2
1.2	Range of appliance use	2
1.3	Conformity	3
1.4	Saving energy	3
2	**General safety information**	**3**
3	**Controls and displays**	**3**
3.1	Operating and control elements	3
3.2	Temperature display	4
4	**Putting into operation**	**4**
4.1	Changing the door hinges	4
4.2	Water connection	5
4.3	Installation	5
4.4	Transporting the appliance	9
4.5	Installing the appliance	9
4.6	Disposing of packaging	9
4.7	Connecting the appliance	9
4.8	Switching on the appliance	9
5	**Control**	**10**
5.1	Brightness of the temperature display	10
5.2	Child proofing	10
5.3	Door alarm	10
5.4	Temperature alarm	10
5.5	Refrigerator compartment	10
5.6	BioFresh compartment	11
5.7	Freezer compartment	13
6	**Maintenance**	**15**
6.1	Manual defrosting	15
6.2	Defrosting with NoFrost	15
6.3	Cleaning the appliance	15
6.4	Cleaning the IceMaker	16
6.5	Customer service	16
7	**Malfunction**	**16**
8	**Decommissioning**	**17**
8.1	Switching off the appliance	17
8.2	Taking the appliance out of service	17
9	**Disposing of the appliance**	**17**

The manufacturer works constantly on the further development of all the types and models. Therefore please understand that we have to reserve the right to make design, equipment and technical modifications.

To get to know all the benefits of your new appliance, please read the information contained in these instructions carefully.

The instructions apply to several models. Differences may occur. Text relating only to specific appliances is marked with an asterisk (*).

Instructions for action are marked with a ▶, the results of action are marked with a ▷.

1 Appliance at a glance

1.1 Description of appliance and equipment

Note

- ▶ Place food inside the appliance as shown in the diagram. This allows the appliance to save energy during operation.
- ▶ Shelves, drawers and baskets are arranged for optimum energy efficiency on delivery.

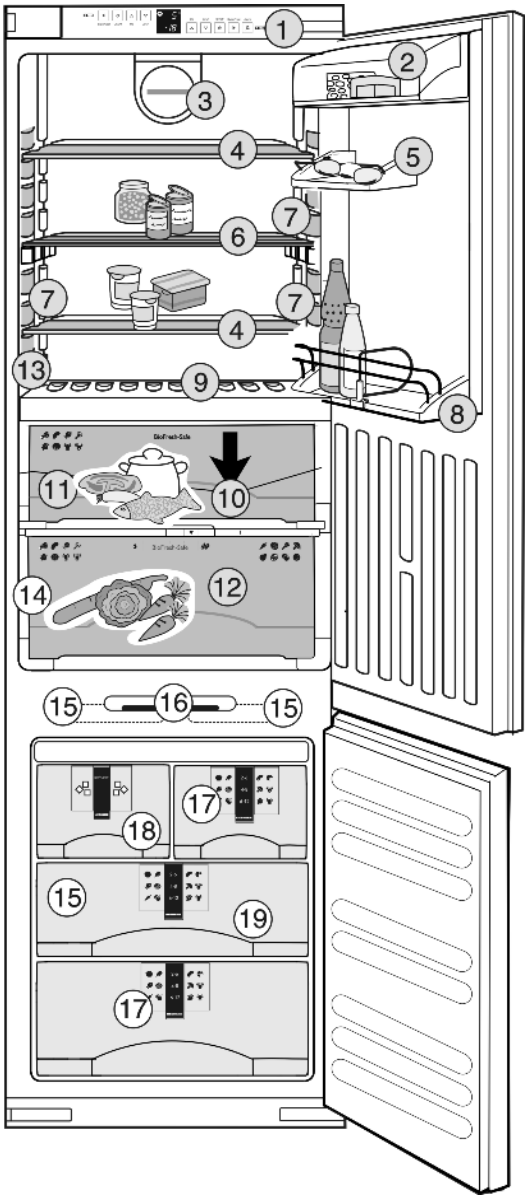


Fig. 1

(1) Operating and control elements
(2) Butter and cheese compartment
(3) Fan
(4) Shelf, relocatable
(5) Egg tray*
(6) Shelf, sectioned*
(7) LED lighting, refrigerator compartment*
(8) Storage rack for tall bottles
(9) Integrated bottle shelf or glass shelf
(10) Drain opening
(11) DrySafe
(12) HydroSafe
(13) Type plate
(14) LED lighting, Biofresh compartment*
(15) Cold storage accumulator
(16) LED lighting, freezer compartment*
(17) Information system
(18) IceMaker
(19) VarioSpace

1.2 Range of appliance use

The appliance is suited only for cooling food.

In the case of commercial food cooling, the pertinent statutory regulations have to be observed. The appliance is not suited for storing and cooling pharmaceuticals, blood plasma, laboratory preparations or similar substances and products subject to the Medical Devices Directive 2007/47/EC. Any misuse of the appliance may result in damage to or spoilage of the stored goods.

Furthermore, the appliance is unsuited for use in areas exposed to an explosion hazard.

The appliance is set to operate within specific ambient temperature limits according to its climate rating. The correct climate rating for your appliance is indicated on the type plate.

Note

▶ Compliance with the ambient temperatures indicated is required, otherwise the cooling performance is reduced.

Climate rating	for ambient temperatures of
SN	10 °C to 32 °C
N	16 °C to 32 °C
ST	16 °C to 38 °C
T	16 °C to 43 °C

1.3 Conformity

The refrigerant circuit has been tested for leaks. When installed, this appliance complies with the relevant safety provisions and EC directives 2006/95/EC and 2004/108/EC.

1.4 Saving energy

- Always ensure good ventilation. Do not cover ventilation openings or grille.
- Always keep fan louvres clear.
- Do not place appliance in areas of direct sunlight or next to a stove, heater or similar object.
- The energy consumption depends on the installation conditions, e.g. the ambient temperature (see 1.2) .
- Keep the time the appliance is open to a minimum.
- Store food logically.
- Ensure that all food is well packed and covered for storage. This will prevent frost from forming.
- First cool warm food to room temperature before storing it .
- Defrost frozen food in the refrigerator.

2 General safety information

Danger for the user:

- This appliance is not designed for persons (including children) with physical, sensory or mental impairment or persons not having sufficient experience and knowledge, unless they are instructed in the use of the appliance and are initially supervised by a person responsible for their safety. Keep children under supervision to ensure they do not play with the appliance.
- In case of a fault, pull out the mains plug (not by pulling the connecting cable) or switch off the fuse.
- Have any repairs to or intervention in the appliance, and any change of the mains power cable, carried out by the customer service only or by other specialised personnel trained for the purpose.
- When disconnecting the appliance from the supply, always take hold of the plug. Do not pull the cable.
- Install and connect the appliance only as instructed.
- Please keep these instructions in a safe place and pass them on to any subsequent owners.
- All repairs to and intervention in the IceMaker may be carried out only by service personnel or by other skilled personnel trained for the purpose.*
- The manufacturer is not liable for damage caused by a faulty fixed water connection.*
- Special-purpose lamps (incandescent lamps, LEDs, fluorescent tubes) in the appliance serve to illuminate the appliance interior and are not suited for room illumination.

Fire hazard:

- The refrigerant R 600a is environmentally friendly but flammable. Escaping refrigerant may ignite.
  - Do not damage the refrigerant circuit pipes.
  - Do not allow naked flames or ignition sources to enter the appliance.
  - Do not use any electrical appliances in the interior (e.g. steam cleaners, heaters, ice cream maker etc.).
  - If refrigerant escapes: eliminate naked flames or sources of ignition from the vicinity. Pull out the power plug. Ventilate the area well. Notify customer service.
- Do not store explosives or sprays using combustible propellants such as butane, propane, pentane, etc. in the appliance. Respective spray cans can be identified by reference to the contents printed on the can or by a flame symbol. Gases possibly escaping may ignite due to electrical components.
- Only store high-percentage alcohol in tightly sealed, upright containers. Alcohol possibly escaping may ignite due to electrical components.

Danger of tipping and falling:

- Do not misuse the plinth, drawers, doors etc. as a step or for support. This applies particularly to children.

Danger of food poisoning:

- Do not consume food which has been stored too long.

Danger of frostbite, numbness and pain:

- Avoid lasting skin contact with cold surfaces or refrigerated/ frozen food or take protective steps, e.g. wear gloves. Do not consume ice cream, water ice or ice cubes immediately and do not consume them too cold.

Risk of crushing

- Do not reach into the soft stop mechanism. Fingers may be trapped when the door is closed.

Please observe the specific information in the other sections:

⚠	DANGER	identifies a situation involving direct danger which, if not obviated, may result in death or severe bodily injury.
⚠	WARNING	identifies a dangerous situation which, if not obviated, may result in death or severe bodily injury.
⚠	CAUTION	identifies a dangerous situation which, if not obviated, may result in minor or medium bodily injury.
	NOTICE	identifies a dangerous situation which, if not obviated, may result in damage to property.

	Note	identifies useful information and tips.

3 Controls and displays

3.1 Operating and control elements

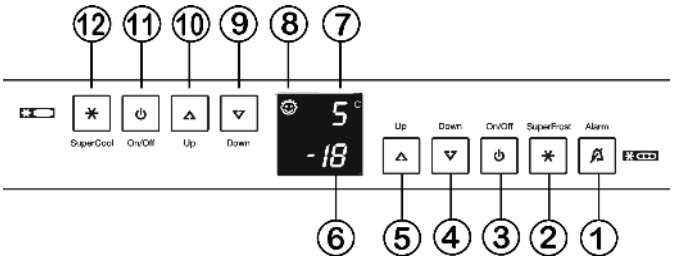


Fig. 2

(1) Alarm button

(7) Temperature display refrigerator compartment

(2) SuperFrost button
(3) On/Off button freezer compartment
(4) Down setting button freezer compartment
(5) Up setting button freezer compartment
(6) Temperature display freezer compartment
(8) Child lock symbol
(9) Down setting button refrigerator compartment
(10) Up setting button refrigerator compartment
(11) On/Off button refrigerator compartment
(12) SuperCool button

3.2 Temperature display

The following are displayed in normal operation:

- the warmest freezing temperature
- the average cooling temperature

The freezer compartment temperature display flashes:

- the temperature setting is being changed
- after switch-on the temperature is not yet cold enough
- the temperature has risen several degrees

Dashes flash in the display:

- the freezer temperature is above 0 °C.

The following displays indicate malfunction. Possible causes and corrective action (see Malfunction).

- `oR`
- `F0` to `F5`

4 Putting into operation

4.1 Changing the door hinges

NOTICE*
Risk of damage to side-by-side appliances due to condensation!
When a side-by-side appliance (S…) is fitted together with a second appliance (as a SBS combination), the door hinges must remain as delivered.

▶ Do not change over the door hinges.

Make sure the following tools are to hand:

❑ spanner 13

❑ cordless screwdriver Torx 15, 20, 25, 30

Slide the appliance 2/3 of the way into the recess.

Pull out the mains plug.

Open the doors.

4.1.1 To detach the soft stop mechanism

CAUTION
Risk of injury if soft stop contracts!

▶ Detach with care.

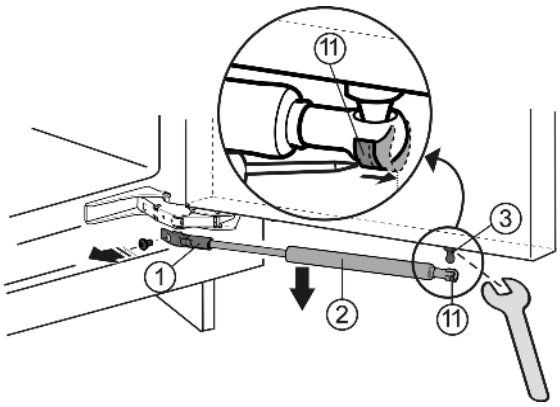


Fig. 3

▶ Push tension spring *Fig. 3 (11)* outwards, using a screwdriver.

▶ Lower soft stop mechanism *Fig. 3 (2)* for removal.

▶ Unscrew holder *Fig. 3 (1)*.

▶ Unfasten ball stud *Fig. 3 (3)* using a spanner.

4.1.2 To change the hinges

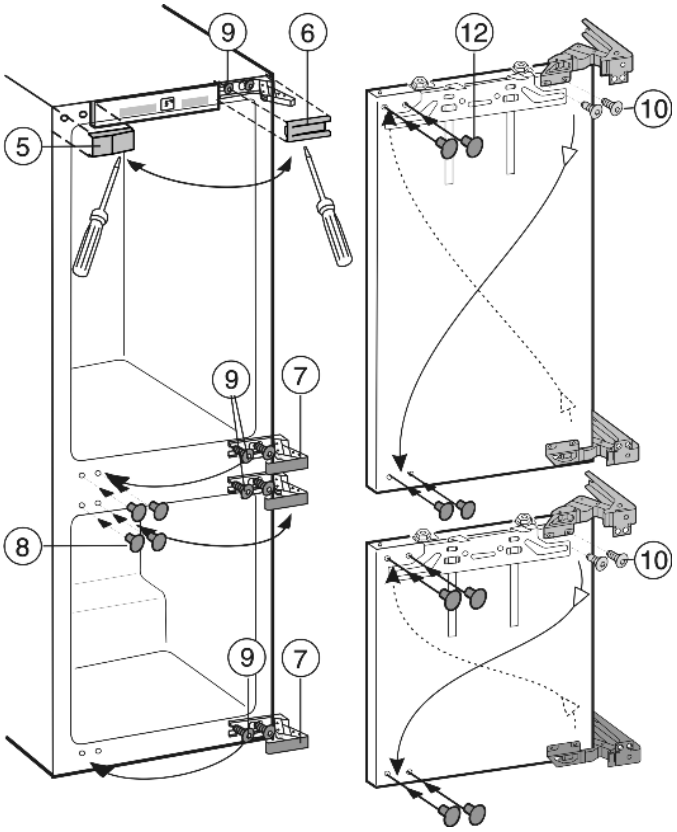


Fig. 4

▶ Lift off the covers *Fig. 4 (5,6,7,8)* forwards using a flat-blade screwdriver.

▶ Loosen the top and bottom screws *Fig. 4 (9)* on the appliance body, without removing them.

▶ Pull the doors outwards and detach them.

▶ Transfer the screws *Fig. 4 (9)* to the opposite side and screw them in a little.

▶ Undo the screws *Fig. 4 (10)* and change over the hinges diagonally.

The screws *Fig. 4 (10)* are self-tapping: use a cordless screwdriver.

▶ Screw the hinges **firmly into place with 4 Nm**.

▶ Place plugs *Fig. 4 (12)* in the now unused fastening holes.

▶ Attach the doors to the pre-fitted screws *Fig. 4 (9)* and tighten the screws **firmly with 4 Nm**.

4.1.3 Re-fit the soft stop mechanism

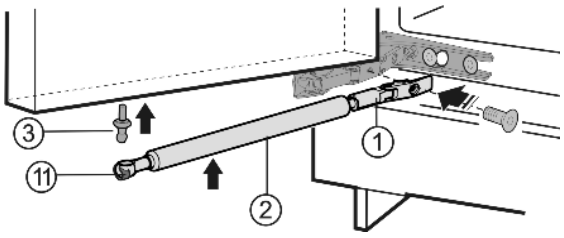


Fig. 5

▶ Firmly screw the ball stud *Fig. 5 (3)* into the new retaining hole **with 4 Nm**.

▶ Push tension spring *Fig. 5 (11)* inwards again.

▶ Screw the mount *Fig. 5 (1)* firmly into place **with 3 Nm**.

▶ Attach soft stop mechanism *Fig. 5 (2)* to ball stud.

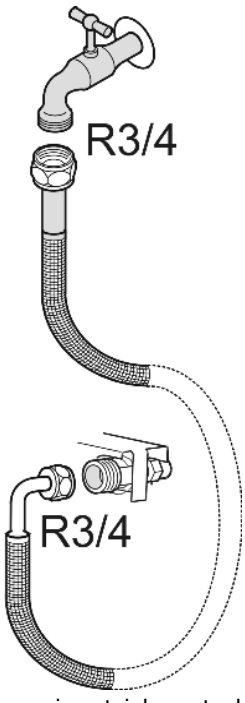
WARNING
Risk of injury due to the door dropping out!
If the fastening parts are not screwed into place firmly enough, the door may drop out. This may lead to severe injuries. What is more, the door may not close and therefore the appliance may fail to cool properly.
- ▶ Screw the hinges and the ball journal of the soft stop mechanism firmly into place, with 4 Nm.
- ▶ Screw the holder of the soft stop mechanism firmly into place, with at least 3 Nm.
- ▶ Check all of the screws and retighten if necessary.

4.2 Water connection*

WARNING
Danger of electric shock!
- ▶ Disconnect the appliance by unplugging it before you connect it to the water line.
- ▶ Shut off the water supply before you connect the water feed lines of the IceMaker.
- ▶ The connection to the drinking water system may be carried out only by a qualified gas fitter and plumber.

WARNING
Risk of poisoning!
- ▶ The water quality has to comply with the drinking water ordinance of the respective country (e.g. 98/8
- ▶ The IceMaker serves exclusively for making ice cubes in household quantities and has to be operated with water suitable for the purpose.

- The water pressure has to be between 0.15 MPa and 0.6 MPa (1.5 bar - 6 bar).
- The water supply to the appliance must be via a cold water pipe which withstands the operating pressure and complies with the hygiene regulations.
  Use the accompanying stainless steel hose (1.5 m). Do not reuse old hoses. A 3 m hose is available from the customer service department and has to be fitted by an expert.
  In the hose connecting piece is a sieve with seal.
- Between the hose and the domestic water connection there has to be a stopcock to interrupt the water supply in case of need.
- All the fixtures and fittings used for water supply have to comply with the applicable regulations of the respective country.
- Do not damage or kink the water inlet pipe when installing the appliance.



- ▶ Connect the straight part of the accompanying stainless steel hose to the stopcock.

The solenoid valve is at the bottom back of the appliance. It has a metric R3/4 connecting thread.
- ▶ Connect the angled part of the stainless steel hose to the solenoid valve.
- ▶ Open the stopcock of the water supply and check that the entire water system is leakproof.
  Before initial use:
- ▶ Have the water pipe bled of air by the proper expert.

GB

4.3 Installation

All the mounting components accompany the appliance.

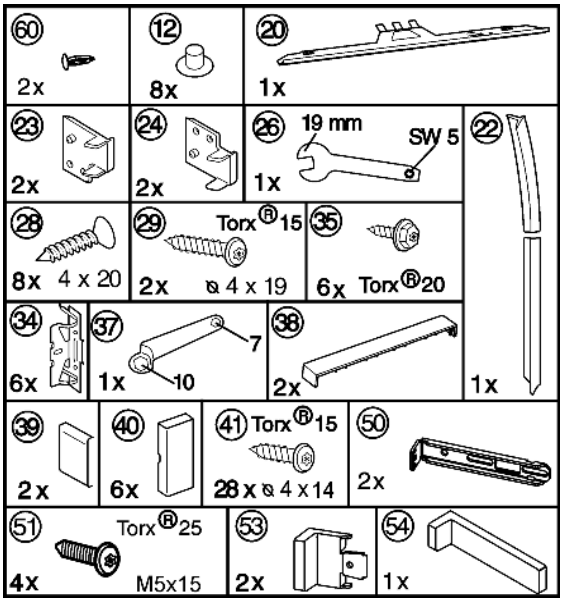


Fig. 6

Make sure the following tools are on hand:
- ❑ Cordless screwdriver Torx®15, 20, 25
- ❑ Screwdriver
- ❑ Spanner 13, Spirit level

The intermediate base and side wall of the kitchen unit have to be at right angles to one another. Align the kitchen unit using a spirit level and angle. If necessary, use shims.

The appliance can also be installed in an ordinary kitchen cabinet. In this case detach the fittings of the unit door and recess. They are no longer needed as the unit door is fitted to the appliance door.

Note
- ▶ Before assembling the door of the unit, make sure that the admissable weight of the unit door is not exceeded.
- ▶ Otherwise damage to the hinges and resultant malfunction cannot be ruled out.

	Max. weight of unit door	
	Refrigerator compartment door	**Freezer compartment door**
ICBN 30.., SICBN 30.., ICB 31..	20 kg	12 kg
ICBP 31..	19 kg	12 kg

Check installation dimensions:

	A	**B**	**C**
ICB 31, ICBP 31	1772 mm - 1788 mm	1770 mm	549 mm
ICBN 30, SICBN 30	1772 mm - 1788 mm	1770 mm	695 mm

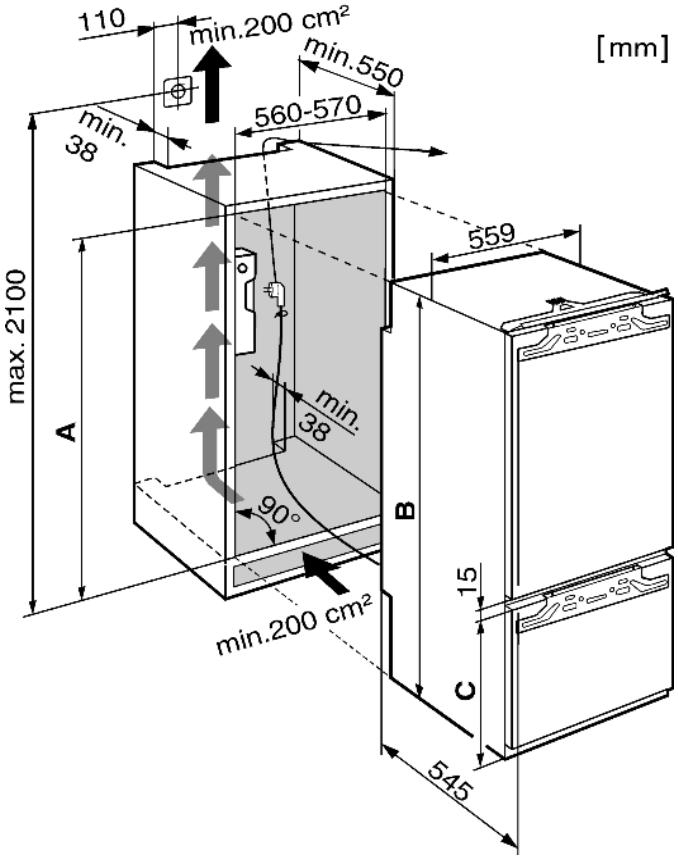


Fig. 7

4.3.1 Installing the appliance

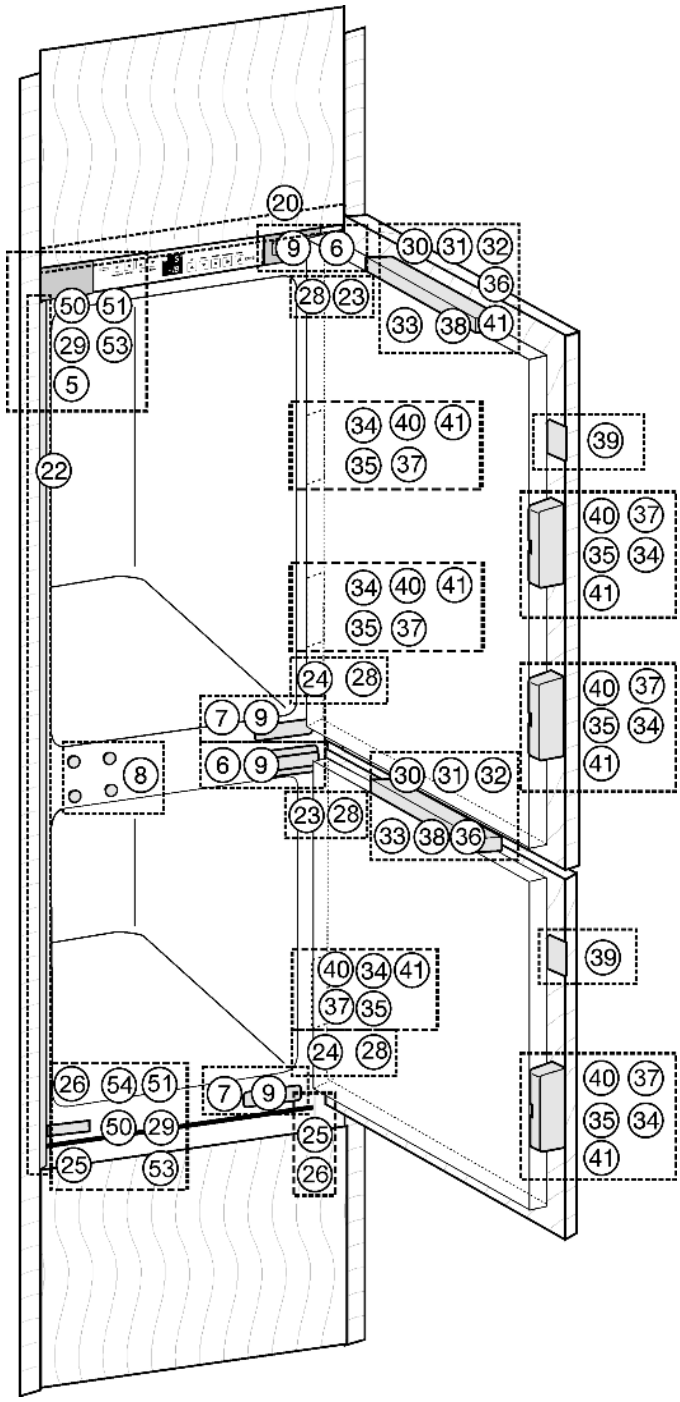


Fig. 8

- ▶ Detach the connecting cable from the rear of the appliance. Remove the cable holder otherwise there will be vibratory noise.
- ▶ Lay the connecting cable with the help of string in such a way that the appliance can be easily connected following installation.

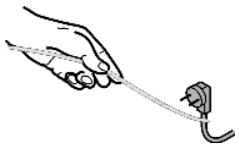


Fig. 9

For appliances with permanently plumbed in IceMaker:

- ▶ Connect the IceMaker (see 4.2) .

All appliances:

- ▶ Slide the appliance 3/4 of the way into the recess.
- ▶ Remove the covers *Fig. 8 (5,6,7)*.

▶ Fit the equaliser trim *Fig. 10 (20)* concentrically onto the appliance: Slide it into the recess and engage it in the keyholes.

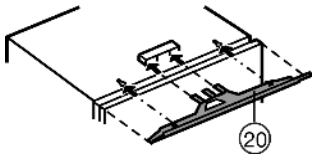


Fig. 10

▶ Screw all the mounting brackets *Fig. 11 (34)* to the pre-drilled holes in the appliance door using hexagon screws *Fig. 11 (35)*.

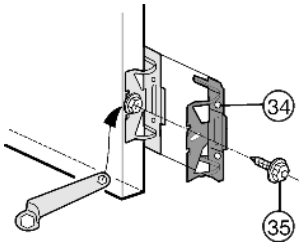


Fig. 11

For 16 mm-thick unit walls = 568 mm-wide recess:

▶ Clip spacer *Fig. 12 (23)* onto the upper hinge and spacer *Fig. 8 (24)* onto the lower hinge.

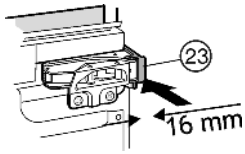


Fig. 12

▶ Attach the top cover *Fig. 13 (53)* and bottom cover *Fig. 13 (50)* to the mounting brackets.

▶ Fasten the mounting brackets *Fig. 13 (50)* at the top and bottom with screws *Fig. 13 (51)* so that the brackets can still be moved a little to the left and right.

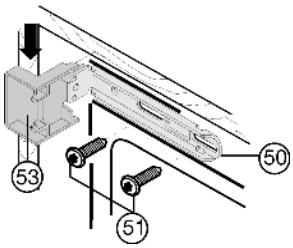


Fig. 13

▶ Strip the protective film off the cover trim *Fig. 14 (22)*. Apply the cover trim *Fig. 14 (22)* to the projection of the cover *Fig. 13 (53)* on the handle side, flush with the front, and adhesively affix it to the side wall of the appliance.

▶ If necessary, shorten the cover strip *Fig. 14 (22)* at the bottom: The cover strip *Fig. 14 (22)* has to end 3 mm above the upper edge of the lower mounting bracket *Fig. 8 (50)*.

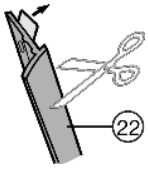


Fig. 14

Slide in and align the appliance:

▶ Slide in the appliance until the covers *Fig. 13 (53)*abut *Fig. 13* against the side wall of the kitchen unit.

▶ Extend the adjustable foot.

For 16 mm-thick unit walls = 568 mm-wide recess:

▶ Allow the spacers to abut against the side wall of the kitchen unit.

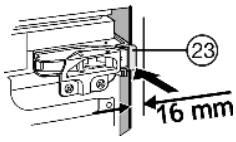


Fig. 15

For 19 mm-thick unit walls = 562 mm-wide recess:

▶ Align the front edges of the hinges so as to be flush with the side wall of the kitchen unit.

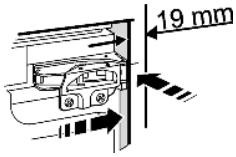


Fig. 16

For kitchen units (16 mm and 19 mm) with door stop components (knobs, sealing lips etc.):

▶ Allow for the extra distance (depth of the door stop components): Allow hinges and covers *Fig. 13 (53)* to protrude by the extra distance.

All appliances:

▶ Vertically align the appliance by means of the adjustable-height feet *Fig. 8 (25)*, using the accompanying open-ended spanner *Fig. 8 (26)*.

▷ The appliance is now correctly positioned in depth. The distance from the front edge of the side wall of the unit to the appliance body is 42 mmall the way round. (Allow for door stop components, such as knobs and sealing lips.)

Note

Incorrect installation will lead to malfunction!

If the distance is not kept, the door may not close. This may lead to icing, to condensate forming and to malfunction.

▶ Be sure to keep to the clearance of 42 mm all the way round. (Allow for door stop components, such as knobs and sealing lips.)

Tightly screw the appliance into place in the recess:

▶ At the top and bottom of both doors with Spax screws *Fig. 17 (28)* passed through the hinge plates.

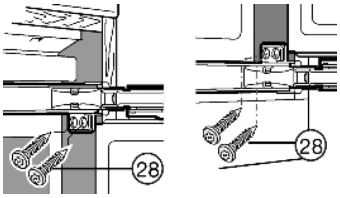


Fig. 17

On the handle side at the top:

▶ Loosen the screws *Fig. 18 (51)* a little.

▶ Tightly screw the top mounting bracket *Fig. 18 (50)* to the unit wall using Spax screw *Fig. 18 (29)* ø4x19.

▶ Break off the projecting end of the cover *Fig. 18 (53)*.

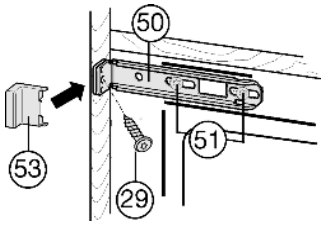


Fig. 18

▶ Tighten the screws *Fig. 18 (51)*.

▶ Put on the cover *Fig. 18 (53)*.

On the handle side at the bottom:

▶ Loosen the screws *Fig. 19 (51)* a little.

▶ Tightly screw the bottom mounting bracket *Fig. 19 (50)* to the unit wall using Spax screw *Fig. 19 (29)* ø4x19.

▶ Break off the projecting end of the cover *Fig. 19 (53)*. It is no longer required.

▶ Tighten the screws *Fig. 19 (51)*.

▶ Put the cover *Fig. 19 (54)* on the bottom mounting bracket *Fig. 19 (50)*.

▶ Close the appliance door.

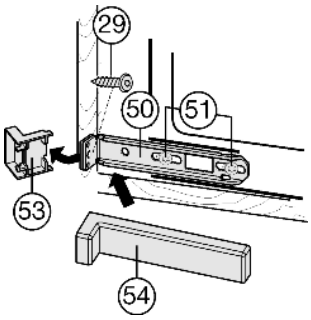


Fig. 19

4.3.2 Fitting the unit doors

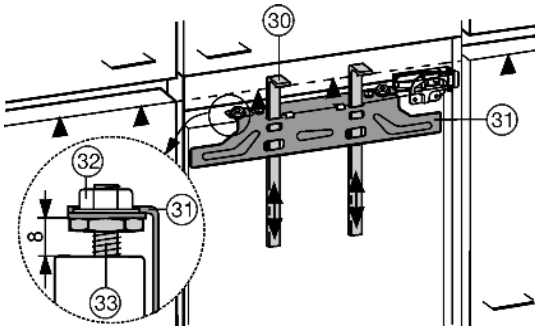


Fig. 20

The fitting aids *Fig. 20 (30)* **are required for both doors. Therefore fit the unit doors one after the other**.

- ▶ Check 8 mm-presetting. (Distance between appliance door and lower edge of crosspiece)
- ▶ Slide up the assembly aids *Fig. 20 (30)* to the height of the unit door. Lower stop edge ▲of the assembly aid = upper edge of the unit door to be fitted.
- ▶ Unscrew the cross-piece *Fig. 21 (31)* by undoing the locknuts *Fig. 21 (32)*.
- ▶ Attach the crosspiece *Fig. 21 (31)* together with the assembly aids *Fig. 21 (30)* to the inside of the unit door.

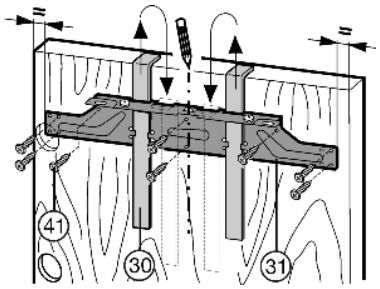


Fig. 21

For 600 mm-wide recess:

- ▶ Concentrically align the crosspiece *Fig. 21 (31)*: Mark a short centre line on the unit door and put the tip of the arrow on the crosspiece over it.
- ▷ Distances to the outer edge are equal at the left and right.

For particle board doors:

- ▶ Tightly screw the crosspiece *Fig. 21 (31)* into place using at least 6 screws *Fig. 21 (41)*.

For frame and panel doors:

- ▶ Tightly screw the crosspiece *Fig. 21 (31)* into place using 4 screws *Fig. 21 (41)* at the edge.
- ▶ Raise and remove the assembly aids *Fig. 21 (30)*, turn them and slide them into the adjacent openings.

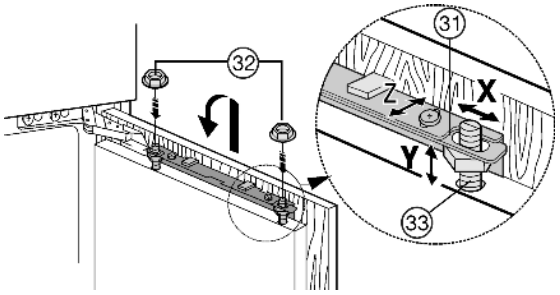


Fig. 22

- ▶ Attach the unit door to the adjusting bolts *Fig. 22 (33)* and loosely screw the locknuts *Fig. 22 (32)* onto the adjusting bolts.
- ▶ Close the door.
- ▶ Check the gap between the door and the surrounding unit doors.
- ▶ To laterally align the unit door: Move the unit door in the **X** direction.
- ▶ Align unit door in height and lateral inclination: Adjust the adjusting bolts *Fig. 22 (33)* using a screwdriver.
- ▷ The unit door is flush and in alignment with the surrounding unit fronts.
- ▶ Tighten the lock nuts *Fig. 22 (32)*.

Ensure that both metal edges are flush (symbol **//**):

- ▶ Drill pilot holes in the door of the unit (possibly make preliminary hole with a bradawl).

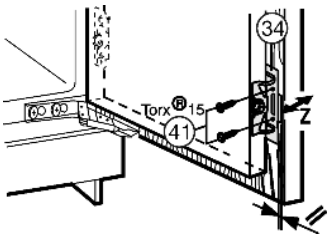


Fig. 23

- ▶ Screw the appliance door to the unit door with screws *Fig. 23 (41)* passed through the mounting brackets *Fig. 23 (34)*.

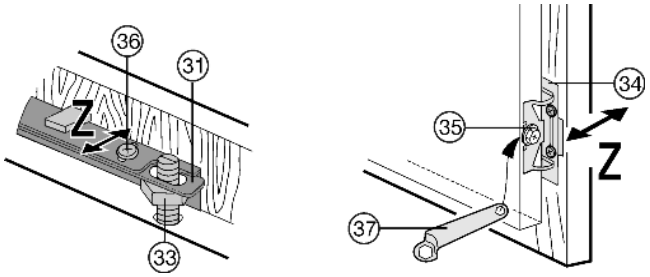
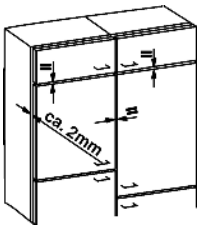


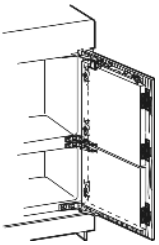
Fig. 24

- ▶ To align the unit door in depth **Z**: Undo top screws *Fig. 24 (36)*, bottom hexagon head screws *Fig. 24 (35)* with ring spanner *Fig. 24 (37)* provided, then shift the door.
- ▶ Do not allow the knobs and sealing lips to abut - vital for proper function!
- ▶ Allow an air gap of 2 mm between the unit door and the body of the unit.



For large unit doors:

- ▶ fit a 3rd pair of mounting brackets *Fig. 11 (34)*.
- ▶ Use the holes pre-drilled in the handle area of the appliance door for this purpose.



- ▶ Check the fit of the door and adjust if necessary.
- ▶ Tighten all screws.

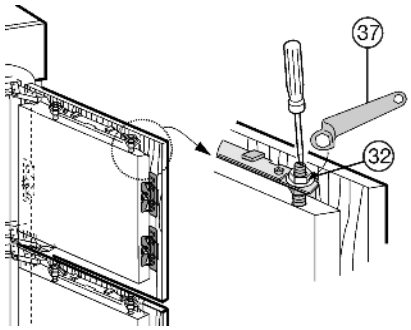


Fig. 25

- ▶ Tighten the locknuts *Fig. 25 (32)* using the ring spanner *Fig. 25 (37)*, while holding fast the adjusting bolts *Fig. 25 (33)* with a screwdriver.
- ▶ Put on and engage the upper covers *Fig. 26 (38)*.
- ▶ Place lateral covers *Fig. 26 (39)* in position, slide them to the limit, then press, until you hear them snap into place.
- ▶ Attach covers *Fig. 26 (40)* sideways and then draw them forwards with a screwdriver so that they snap into place.

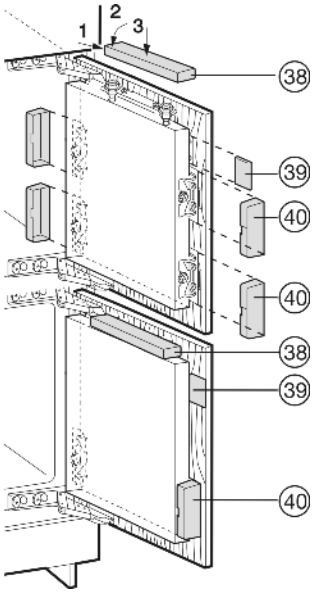


Fig. 26

- ▶ Put on and engage the covers *Fig. 8 (5,6,7)*.

Check the following points to ensure the appliance is fitted properly. Failure to do so may lead to icing, condensate forming and malfunction:

▷ The door has to close properly
▷ The unit door must not butt against the unit body
▷ The seal must have a firm fit at the upper corner on the handle side. To check, darken the room, place a torch inside the appliance at the top and close the door. If light shines through, check the assembly.

4.4 Transporting the appliance

CAUTION
Risk of injury and danger of damage as a result of incorrect transport!
▶ Transport the appliance in a packed condition.
▶ Transport the appliance upright.
▶ Do not transport the appliance without assistance.

4.5 Installing the appliance

In the event that the appliance is damaged, contact the supplier immediately before connecting to the mains.

The floor at the site must be flat and level.

Do not install the appliance in a location where it is exposed to direct radiation of the sun, next to a cooker, heater and similar.

Do not install the appliance without assistance.

Standard EN 378 specifies that the room in which you install your appliance must have a volume of 1 m^2 per 8 g of R 600a refrigerant used in the appliance. If the room in which the appliance is installed is too small, a flammable gas-air mixture may form in the event of a leakage in the refrigeration circuit. The quantity of refrigerant used in your appliance is indicated on the type plate on the inside of the appliance.

Fit the appliance in stable kitchen units only.
The following ventilation gaps must be observed:

❑ The depth of the ventilation channel at the rear of the unit must be at least 38 mm.
❑ There must be a ventilation space of at least 200 cm^2 in the plinth and at the top of the unit.
❑ Basically the principle applies: the larger the ventilation space, the more energy-saving the appliance is in operation.

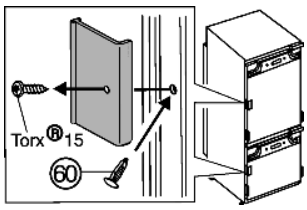
WARNING
Fire hazard due to dampness!
If live parts or the mains lead become damp this may cause short circuits.
▶ The appliance is designed for use in enclosed areas. Do not operate the appliance outdoors or in areas where it is exposed to splash water or damp conditions.

WARNING
Fire hazard due to refrigerant!
The refrigerant R 600a is environmentally friendly but flammable. Escaping refrigerant may ignite.
▶ Do not damage the piping of the refrigeration circuit.

WARNING
Fire hazard and danger of damage!
▶ Do not place appliances emitting heat e.g. microwaves, toasters etc. on the appliance!

▶ Detach the connecting cable from the rear of the appliance, removing the cable holder at the same time because otherwise there will be vibratory noise!

After installation:
▶ Remove the protective film from the decorative trims and drawer fronts.
▶ Remove all transit supports.
▶ Unscrew the red transport lock. Close the vacated retaining hole using the stopper (60).



▶ Dispose of packaging material (see 4.6) .

NOTICE
Risk of damage due to condensate!
If your appliance is not a Side-by-Side (SBS) appliance:
▶ do not install the appliance directly alongside a further refrigerator/freezer.

If the appliance is installed in a very damp environment, condensate may form on the outside of the appliance.
▶ Always see to good ventilation at the installation site.

4.6 Disposing of packaging

WARNING
Danger of suffocation due to packing material and plastic film!
▶ Do not allow children to play with packing material.

The packaging is made of recyclable materials:
- corrugated board/cardboard
- EPS moulded parts
- polythene bags and sheets
- polypropylene straps

▶ Take the packaging material to an official collecting point.

4.7 Connecting the appliance

NOTICE
Risk of damage to the electronic control system!
▶ Do not use stand-alone inverters (conversion of d.c. to a.c./ three-phase) or energy saving plugs.

WARNING
Fire and overheating hazard!
▶ Do not use extension cables or multiple socket outlets.

The type of current (alternating current) and voltage at the installation site have to conform with the data on the type plate (see Appliance at a glance).
Connect the appliance only with a properly installed socket outlet with earthing contact. The socket outlet must be fused with 10 A or higher.

▶ Check the electrical connection.
▶ Clean the appliance (see 6.3) .
▶ Plug in the power plug.

4.8 Switching on the appliance

Note
▶ To switch on the entire appliance it is necessary only to switch on the freezer compartment.

Put the appliance into operation about 2 hours before first loading food to be frozen.

Do not load food to be frozen before the temperature display reads -18 °C.

4.8.1 Switching on the freezer compartment

▶ Press On/Off button, freezer compartment *Fig. 2 (3)*.
▷ The refrigerator compartment temperature display shows the set temperature.
▷ The temperature display of the freezer compartment and the alarm button flash until the temperature is sufficiently low. If the temperature is above 0 °C, dashes flash. If it is below, the set temperature flashes.

4.8.2 Switching on refrigerator and BioFresh compartment

▶ Press On/Off button, refrigerator compartment *Fig. 2 (11)*.
▷ The interior light is on when the door is open.
▷ The temperature displays shine. Refrigerator and BioFresh compartment and freezer compartment are switched on.

5 Control

5.1 Brightness of the temperature display

You can adjust the brightness of the temperature display to the light conditions of the room in which the appliance is installed.

5.1.1 Adjusting the brightness

The brightness is adjustable between hl (no illumination) and h5 (maximum luminosity).

▶ To activate the setting mode: press the SuperFrost button *Fig. 2 (2)* for about 5 s.
▷ The display indicates c.
▷ The SuperFrost button flashes.
▶ Using the Up setting button, freezer compartment *Fig. 2 (5)* or Down setting button, freezer compartment *Fig. 2 (4)*, select h.
▶ To confirm: briefly press the SuperFrost button *Fig. 2 (2)*.
▶ To make the display brighter: press Up button, freezer compartment *Fig. 2 (5)*.

▶ To make the display darker: press Down button, freezer compartment *Fig. 2 (4)*.
▶ To confirm: press SuperFrost button *Fig. 2 (2)*.
▷ The brightness is adjusted to the new value.
▶ To deactivate the set-up mode: press On/Off button, freezer compartment *Fig. 2 (3)*.

-or-

▶ Wait for 5 minutes.

▷ The temperature is indicated again in the temperature display.

5.2 Child proofing

The child-proofing function enables you to make sure that the appliance is not inadvertently switched off by playing children.

5.2.1 Setting the child lock

▶ To activate the setting mode: press SuperFrost button *Fig. 2 (2)* for about 5 s.
▷ The display indicates c.
▷ The button SuperFrost flashes.
▶ Briefly press the SuperFrost button *Fig. 2 (2)* to confirm.
▶ To switch on: Using the Up setting button, freezer compartment *Fig. 2 (5)* or Down setting button, freezer compartment *Fig. 2 (4)*, select c1.

▶ To switch off: Using the Up setting button, freezer compartment *Fig. 2 (5)* or Down setting button, freezer compartment *Fig. 2 (4)*, select c0.
▶ To confirm: press SuperFrost button *Fig. 2 (2)*.
▷ When the child lock symbol *Fig. 2 (8)* shines, the child lock is activated.
▶ To deactivate the set-up mode: press On/Off button, freezer compartment *Fig. 2 (3)*.

-or-

▶ Wait for 5 minutes.

▷ The temperature is indicated again in the temperature display.

5.3 Door alarm

For refrigerator/BioFresh compartment and freezer compartment*

If the door is open longer then 60 s, the audible alarm sounds.

The audible alarm is automatically silenced when the door is closed.

5.3.1 Muting the door alarm

The audible alarm can be muted when the door is open. The sound switch-off function is active as long as the door is left open.
▶ Press alarm button *Fig. 2 (1)*.
▷ The door alarm is silenced.

5.4 Temperature alarm

The audible alarm sounds if the freezer temperature is not cold enough.

The temperature display flashes at the same time.
The cause of the temperature being too high may be:

- warm fresh food was placed inside
- too much warm ambient air flowed in when rearranging and removing food
- power failure for some time
- the appliance is faulty

The audible alarm is automatically silenced and the temperature display stops flashing when the temperature is sufficiently cold again.

If the alarm status persists: (see Malfunction).

Note
Food may be spoilt if the temperature is not cold enough.
▶ Check the quality of the food. Do not consume spoiled food.

5.4.1 Muting the temperature alarm

The audible alarm can be muted. When the temperature is sufficiently cold again, the alarm function is active again.
▶ Press alarm button *Fig. 2 (1)*.
▷ The audible alarm is silenced.

5.5 Refrigerator compartment

The natural circulation of air in the refrigerator compartment results in zones differing in temperature. It is coldest directly above the plate separating off the BioFresh zone and at the rear wall. It is warmest at the top front of the compartment and in the door.

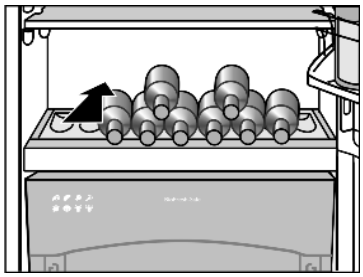
5.5.1 Food refrigeration

▶ Place butter, eggs and preserves in the upper area and in the door (see Appliance at a glance).

- ▶ Use recyclable plastic, metal, aluminium and glass containers and cling film for wrapping.
- ▶ Use the front area of the refrigerator compartment floor only for briefly putting down cooled products, e.g. when rearranging and sorting. However do not leave cooled products there otherwise they may be pushed back or tipped over when the door is closed.
- ▶ Do not store food too close together to enable good air circulation.
- ▶ To safeguard bottles from tipping over: move the bottle holder.

At the base of the refrigerator compartment, the integrated bottle shelf or alternatively the glass shelf can be used:

- ▶ To use the bottle shelf: store the glass shelf compactly under the bottle shelf.
- ▶ Place the bottles with the base pointing backwards facing the rear wall.
  If the bottles project beyond the bottle shelf:
- ▶ set the lower door rack one position higher.



5.5.2 Setting the temperature

The temperature can be set from 9 °C to 4 °C / Australia model 9 °C to 3 °C, the recommended temperature is 5 °C.*

Note*
If the temperature is to be colder than 4 °C/3 °C*:
- ▶ set the cooling temperature to 4 °C/3 °C*.
- ▶ Set the BioFresh temperature to a value between ьЧ (slightly colder) and ы (coldest) (see 5.6) .

- ▶ For a higher temperature setting: press Up button, refrigerator compartment *Fig. 2 (10)*.
- ▶ For a lower temperature setting: press Down button, refrigerator compartment *Fig. 2 (9)*.
- ▷ The first time the button is pressed, the value set so far is indicated in the refrigerator compartment temperature display.
- ▶ To change the temperature in 1 °C steps: briefly press the button.
- ▶ To change the temperature continuously: hold down the button.
- ▷ The value is displayed flashing during the setting operation.
- ▷ The actual temperature is displayed about 5 s after the last press of a button. The temperature slowly adjusts to the new value.

5.5.3 SuperCool

With SuperCool you switch to the highest cooling performance to reach lower cooling temperatures. Use SuperCool, to rapidly cool large amounts of food.

When SuperCool is activated, the fan runs. The appliance operates with maximum refrigeration. The noise of the refrigeration unit may be temporarily louder as a result.

The SuperCool function uses slightly more energy.

Cooling with SuperCool

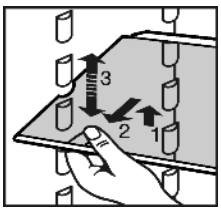
- ▶ Briefly press SuperCool button *Fig. 2 (12)*.
- ▷ The SuperCool button *Fig. 2 (12)* lights up.
- ▷ The cooling temperature drops to the coldest value. SuperCool is activated.
- ▷ SuperCool is automatically deactivated after 6 to12 hours The appliance continues to operate in the energy-saving, normal mode.

To prematurely deactivate SuperCool

- ▶ Briefly press SuperCool button *Fig. 2 (12)*.
- ▷ The SuperCool button *Fig. 2 (12)* goes out.
- ▷ SuperCool is deactivated.

5.5.4 Relocating the shelves

The shelves have stops preventing them from being unintentionally pulled out.



- ▶ Insert shelf with the raised edge pointing upwards at the back.
- ▷ The food does not freeze onto the rear wall.

5.5.5 Using the sectioned shelf

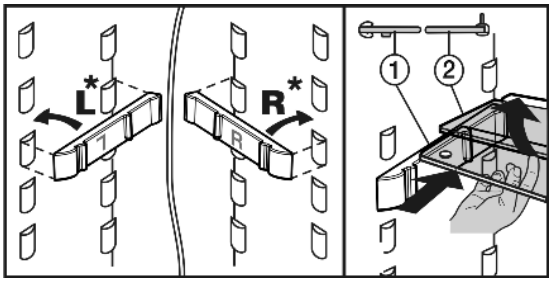
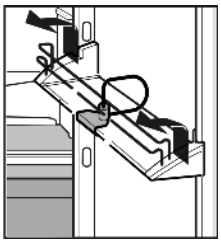


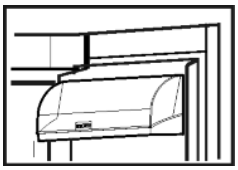
Fig. 27

- ▶ Attach the support rails, paying attention to the right (R) and left (L) part!
- ▶ The glass shelf with stop face (2) has to be at the back.



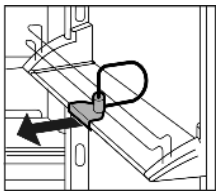
Always remove the butter and cheese compartment together with the lid.

- ▶ To remove lid: Press one side part of the butter and cheese compartment outwards until the lid pin is clear and then remove the lid sideways.



5.5.7 Removing the bottle holder

- ▶ Always take hold of the bottle holder on the plastic part.



5.6 BioFresh compartment

The BioFresh compartment allows some types of fresh food to be stored up to three times longer than in conventional refrigerators, without compromising quality.

For food with an indicated best before date, the date specified on the packaging always applies.

5.6.1 HydroSafe

The HydroSafe at the moist setting is suited for storing unwrapped salad, vegetables and fruit with high inherent moisture. When the drawer is well filled, a dewy climate with up to 90% humidity is established. The humidity in the compartment depends on the moisture content of the food stored and on the opening frequency. You can set the humidity yourself.

5.6.2 DrySafe

The DrySafe is suitable for storing dry or wrapped food (e.g. dairy products, meat, fish, sausages). A relatively dry storage climate is established here.

5.6.3 Storing food

Note

▶ Vegetables sensitive to cold, such as cucumbers, aubergines, semi-ripe tomatoes, zucchinis and all tropical fruits sensitive to cold, do not belong in the BioFresh compartment.

▶ To prevent food spoilage due to transfer of germs: Store unwrapped animal and vegetable products separate from one another in the drawers. This also applies to different sorts of meat.
If food has to be stored together due to lack of space:
▶ wrap the food.

5.6.4 Storage times

Standard values for storage time at low humidity			
Butter	up to	90	days
Hard cheese	up to	110	days
Milk	up to	12	days
Sausage, cold meat	up to	9	days
Poultry	up to	6	days
Pork	up to	7	days
Beef	up to	7	days
Game	up to	7	days

Note

▶ Please note that protein-rich food deteriorates faster, i.e. shellfish and crustaceans deteriorate faster than fish, fish faster than meat.

Standard values for storage time at high humidity			
Vegetables, salad			
Artichokes	up to	14	days
Celery	up to	28	days
Cauliflower	up to	21	days
Broccoli	up to	13	days
Chicory	up to	27	days
Lamb's lettuce	up to	19	days
Peas	up to	14	days
Kale	up to	14	days
Carrots	up to	80	days
Garlic	up to	160	days
Kohlrabi	up to	55	days
Lettuce	up to	13	days
Herbs	up to	13	days
Leek	up to	29	days
Mushrooms	up to	7	days
Radishes	up to	10	days
Brussels sprouts	up to	20	days
Asparagus	up to	18	days
Spinach	up to	13	days
Savoy cabbage	up to	20	days
Fruit			
Apricots	up to	13	days
Apples	up to	80	days
Pears	up to	55	days
Blackberries	up to	3	days
Dates	up to	180	days
Strawberries	up to	7	days
Figs	up to	7	days
Blueberries	up to	9	days
Raspberries	up to	3	days
Currants	up to	7	days
Sweet cherries	up to	14	days
Kiwis	up to	80	days
Peaches	up to	13	days
Plums	up to	20	days
Cranberries	up to	60	days
Rhubarb	up to	13	days
Gooseberries	up to	13	days
Grapes	up to	29	days

5.6.5 Adjusting the temperature in the BioFresh compartment

The temperature is automatically regulated to between 0 °C and 3 °C .

You can adjust the temperature slightly colder or warmer. The temperature can be adjusted from b1 (coldest temperature) to b9 (warmest temperature). The presetting is b5. With the b1 to b4 values, the temperature can drop below 0 ° C and therefore food can freeze slightly as a result.

▶ To activate the setting mode: press the SuperFrost button *Fig. 2 (2)* for about 5 s.
▷ The SuperFrost flashes.
▷ The temperature display indicates: c
▶ Press the Up setting button, freezer compartment *Fig. 2 (5)* the number of times required for b to flash in the display.
▶ To confirm: briefly press the SuperFrost button.
▶ To set the temperature lower: press Down button, freezer compartment *Fig. 2 (10)*.
▶ To confirm: press SuperFrost button.
▷ The temperature slowly adjusts to the new value.

▶ To deactivate the setting mode: press On/Off button, freezer compartment *Fig. 2 (3)*.

-or-

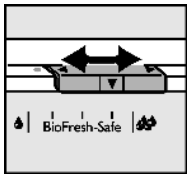
▶ Wait for 5 minutes.

▷ The temperature is indicated again in the temperature display.

5.6.6 Setting the humidity in the HydroSafe

▶ Low humidity: move the regulator to the left.

▶ High humidity: move the regulator to the right.



5.6.7 Drawers

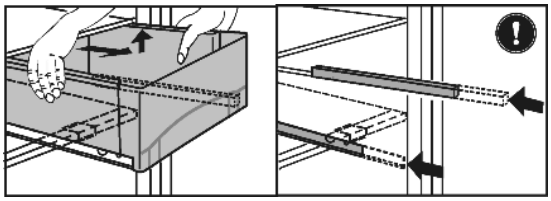


Fig. 28

▶ Remove drawers as illustrated.
▶ To remove drawer cover: once the drawers have been removed, carefully pull the drawer cover with humidity control forwards and lower it for removal.

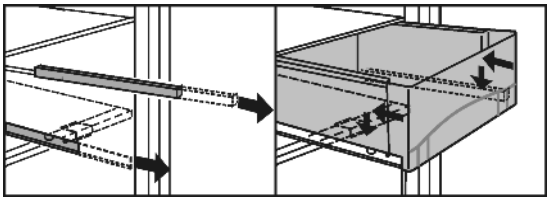


Fig. 29

▶ Insert drawer as illustrated.
▶ To insert drawer cover: insert the bars of the drawer cover into the rear holders from below and snap into the holder at the front.

5.7 Freezer compartment

You can store frozen food, make ice cubes and freeze fresh food in the freezer compartment.

5.7.1 Freezing food

The maximum load for an individual drawer and the plate is 25 kg frozen food.

A vacuum is generated after the door is closed. After closing the door, wait for about 1 minute and then it opens more easily.

CAUTION
Risk of injury due to broken glass!
Bottles and cans containing drinks may burst when being frozen. This applies particularly to sparkling drinks.
▶ Do not freeze bottles and cans containing drinks!

In order that the food is rapidly frozen through to the core, do not exceed the following quantities per pack:

- Fruit, vegetables up to 1 kg
- Meat up to 2.5 kg

▶ Pack the food in portions in freezer bags, reusable plastic, metal or aluminium containers.

5.7.2 Thawing food

- in the refrigerator compartment
- at room temperature
- in a microwave oven
- in a conventional or fan oven

▶ Food once thawed should be re-frozen only in exceptional cases.

5.7.3 Setting the temperature in the freezer compartment

The appliance is pre-set for normal operation.

The temperature can be set between -16 °C and -26 °C/ Australia model -14 °C and -26 °C, the recommended temperature is -18 °C.*

▶ To set the temperature higher: press Up button, freezer compartment *Fig. 2 (5)*.
▶ To set the temperature lower: press Down button, freezer compartment *Fig. 2 (4)*.
▷ When the button is pressed the first time, the previous value is indicated in the temperature display of the freezer compartment.
▶ To change the temperature in 1 °C steps: briefly press the button.

-or-

▶ To change the temperature continuously: hold down the button.

▷ The value is displayed flashing during the setting operation.
▷ The actual temperature is displayed about 5 s after the last press of a button. The temperature slowly adjusts to the new value.

5.7.4 SuperFrost

With this function you can freeze fresh food quickly through to the core. The appliance operates with maximum refrigeration. The noise of the refrigeration unit may be temporarily louder as a result.

In addition, frozen food already in storage is given a "cold reserve". The food stays frozen longer as a result when you defrost the appliance.

The maximum amount of fresh food which can be frozen in 24 h is indicated on the type plate under "freezing capacity ... kg/ 24h". This amount varies according to the model and climate rating.

Freezing with SuperFrost

SuperFrost in the following cases:

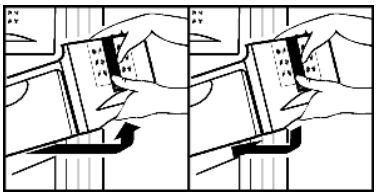
- when placing frozen food in the freezer
- when freezing up to about 2 kg fresh food a day

▶ Briefly press the SuperFrost button *Fig. 2 (2)* once.
▷ The SuperFrost button *Fig. 2 (2)* shines.
▷ The freezer temperature drops, the appliance operates with maximum refrigerating performance.
For a small amount of food:
▶ wait about 6 h.
▶ Place the fresh food in the drawers.
For the maximum amount of food:
▶ wait about 24 h.
▶ Place wrapped food straight on the shelves and, once frozen, put it into the drawers.
▷ SuperFrost is automatically deactivated. Depending on the quantity placed inside, after 30 h at the earliest, 65 h at the latest.
▷ Freezing is concluded.
▷ The SuperFrost button *Fig. 2 (2)* is dark.
▷ The appliance continues to operate in the energy-saving, normal mode.

5.7.5 Drawers

Note*
The energy consumption increases and the cooling performance decreases if there is insufficient ventilation.
For appliances with NoFrost:
▶ Leave the bottom drawer in the appliance!
▶ Always keep the air slits of the fan free at the rear wall!

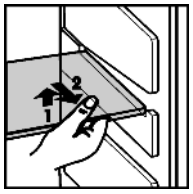
GB



▶ To store frozen food directly on the shelves: pull the drawer forwards and lift it out.

5.7.6 Shelves

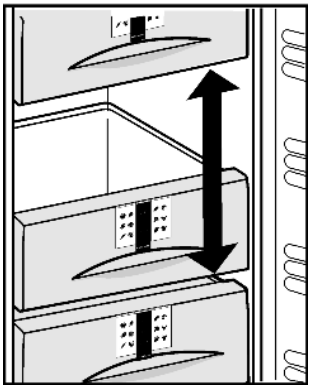
▶ To remove the shelf: lift up at the front and pull out.
▶ To put the shelf back: simply push in as far as it will go.



5.7.7 VarioSpace

Apart from being able to remove the drawers, you can also remove the shelves, creating space for large items of frozen food. Poultry, meat, large pieces of game and high bakery products can be frozen in one piece and prepared.

▶ The maximum load of frozen food for an individual drawer or shelf is 25 kg.



5.7.8 Information system

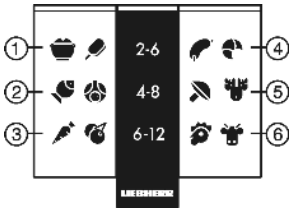


Fig. 30

(1) Ready-made meals, ice cream
(2) Pork, fish
(3) Fruit, vegetables
(4) Sausages, bread
(5) Game, mushrooms
(6) Poultry, beef/veal

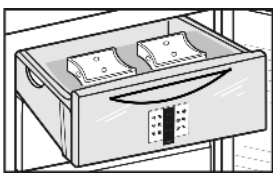
The figures indicate the storage time in months for several types of frozen food in each case. Storage times given are guide times.

5.7.9 Cold storage accumulators

The cold storage accumulators prevent the temperature from rising too fast in the event of power failure.

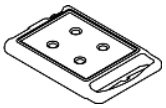
Using cold storage accumulators*

▶ Place the cold storage accumulators in the top freezer compartment to save space.
▶ Place the frozen cold storage accumulators on the frozen food in the upper front area of the freezer compartment.

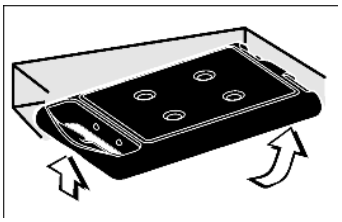


Using cold storage accumulators*

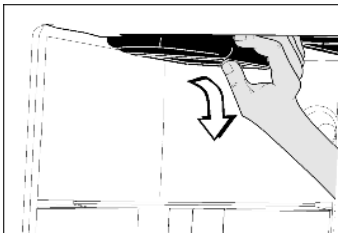
▶ Freeze and store the cold storage accumulators in the ceiling of the freezer compartment (appliances without No-Frost module).



With the top drawer removed:
▶ to insert cold storage accumulators: slide cold storage accumulator into the top back of the freezer compartment ceiling and snap into place at the front.



With the top drawer removed:
▶ to remove cold storage accumulators: take hold of the cold storage accumulator at the side and press it down for removal.



5.7.10 IceMaker*

The IceMaker is in the top drawer of the freezer compartment. The drawer is marked "IceMaker".
Make certain that the following conditions are met:

- The appliance is level.
- The appliance is connected.
- The freezer compartment is switched on.
- The IceMaker is connected to the water supply.

Switching on the IceMaker*

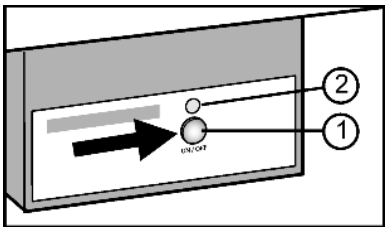


Fig. 31

▶ Pull out the drawer.
▶ Press the On/Off button *Fig. 31 (1)* so that the LED *Fig. 31 (2)* shines.
▶ Push in the drawer.

Note
▶ The IceMaker produces ice cubes only if the drawer is fully closed.

Producing ice cubes*

The production capacity depends on the freezer temperature. The lower the temperature, the more ice cubes can be produced in a specific period.

The ice cubes drop out of the IceMaker into the drawer. When a certain filling level is reached, no more ice cubes are produced.

If large quantities of ice cubes are needed, the complete IceMaker drawer can be exchanged for the adjacent drawer. When the drawer is closed, the IceMaker automatically recommences production.

Once the IceMaker has been switched on for the first time, it may take up to 24 hours until the first ice cubes are produced.

Note
When the appliance is used for the first time or if has not been used for a long time, the IceMaker has to be rinsed to remove any particles present.
▶ Therefore do not use or consume the ice cubes made in the first 24 hours.

Switching off the IceMaker*

If no ice cubes are needed, the IceMaker can be switched off independently of the freezer compartment.

When the IceMaker is switched off, the IceMaker drawer can also be used for freezing and storing food.

▶ Press the On/Off button for about 1 second until the LED goes out.
▶ Clean the IceMaker.
▷ This ensures that no water or ice remains in the IceMaker.

6 Maintenance

6.1 Manual defrosting

The **refrigerator compartment** is defrosted automatically. The defrost water evaporates as a result of the heat of the compressor. Drops of water on the rear wall are perfectly normal.*

▶ Regularly clean the drain opening to allow the water to flow away (see 6.3) .*

A layer of frost or ice can build up in the **freezer compartment** after a long period of operation.*

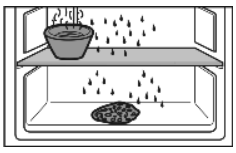
The layer of frost or ice builds up faster if the appliance is opened often or if the food is warm when placed inside. However, a thick layer of ice will increase the appliance's energy consumption. You should therefore defrost the appliance regularly.*

CAUTION*

Risk of injury and damage as a result of hot steam!

▶ Do not use electric heaters or steam cleaners, naked flames or defrosting sprays for defrosting.
▶ Do not remove ice using sharp instruments.

▶ Switch on SuperFrost one day before defrosting.*
▷ The frozen goods are provided with a "cold reserve".*
▶ Switch off the appliance.*
▷ The temperature display goes out.*
▷ If the temperature display does not go out, the child lock function (see 5.2) is active.*
▶ Pull out the power plug or switch off the fuse.*
▶ Place cold storage accumulators on top of the frozen food.*
▶ If possible, put the frozen goods in the freezer drawer, wrapped in newspaper or a blanket, and store in a cool place. *
▶ Place a pan with hot, not boiling water on a middle shelf.*



-or-

▶ Half-fill the two lower drawers with lukewarm water and put them in the appliance.*

▷ Defrosting is speeded up.*
▷ Defrost water is collected in the drawers.*
▶ Leave the door of the appliance open while defrosting.*
▶ Remove detached pieces of ice.*
▶ Pay attention that the defrost water does not run into the kitchen unit. *
▶ If necessary, pick up defrost water several times, using a sponge or cloth.*
▶ Clean the appliance (see 6.3) and rub dry.*

6.2 Defrosting with NoFrost*

The NoFrost system automatically defrosts the appliance.

Refrigerator compartment:

The defrost water evaporates due to the compressor heat.

▶ Regularly clean the drain opening to allow the water to flow away (see 6.3) .

Freezer compartment:

The moisture condenses on the evaporator, is periodically defrosted and evaporates.

▶ The appliance does not have to be manually defrosted.

6.3 Cleaning the appliance

Before cleaning:

CAUTION

Risk of injury and damage as a result of hot steam!
Hot steam may damage the surfaces and cause burns.

▶ Do not use any steam cleaners!

NOTICE

Incorrect cleaning damages the appliance!

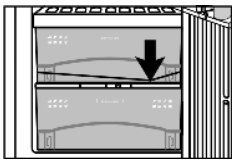
▶ Do not use cleaning agents in concentrated form.
▶ Do not use any scouring or abrasive sponges or steel wool.
▶ Do not use any cleaning agents containing sand, chloride, chemicals or acid.
▶ Do not use chemical solvents.
▶ Do not damage or remove the type plate on the inside of the appliance. It is important for the customer service.
▶ Do not pull off, bend or damage cables or other components.
▶ Do not allow any cleaning water to enter the drain channel, ventilation grille or electrical parts.

▶ Empty the appliance.
▶ Pull out the plug.

- Use soft cleaning cloths and a multi-purpose cleaning agent with neutral pH value.
- Only use food compatible cleaning and care agents on the inside of the appliance.

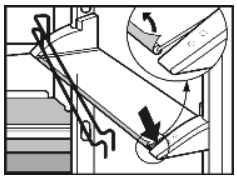
Interior:

▶ Clean the plastic surfaces, outside and inside, by hand using lukewarm water and a little washing-up liquid.
▶ To clean the drain opening: remove any deposits with a fine instrument, e.g. a cotton bud.



Items of equipment:

▶ Clean butter dish in the dishwasher.
▶ Clean other items of equipment by hand with lukewarm water and a little washing-up liquid.
▶ For cleaning, remove the support rails for the half-sized glass shelves.
▶ To dismantle the shelves: remove the trims and side parts.
▶ To dismantle the storage rack: remove the protective film from the decorative trims.



After cleaning:

▶ Wipe dry the appliance and items of equipment.
▶ Connect the appliance and switch it on again.
▶ Switch on SuperFrost (see 5.7.4) .
When the temperature is sufficiently cold:
▶ Put the food back inside.

6.4 Cleaning the IceMaker*

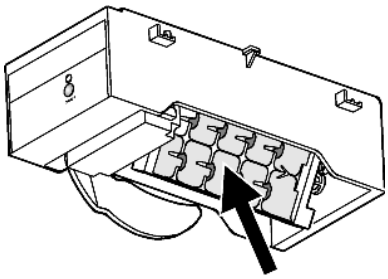


Fig. 32

The IceMaker has to be switched on.

▶ Pull out the drawer and remove the ice cubes.
▶ Clean the drawer with warm water and mild washing-up liquid.
▶ When the drawer is pulled out, hold down the On/Off button (about 10 seconds).
▷ After about 1 s the LED goes out, the IceMaker is switched off.
▷ After about 10 s the LED flashes for about 60 s.
▶ Slide in the drawer while the LED is flashing.
▷ The ice-cube tray of the IceMaker turns to a skew position.
▶ Remove the drawer.
▶ Clean the ice cube tray with warm water. If necessary, use mild washing-up liquid. Then rinse.
Switch the IceMaker on again.
▶ Press the ON/OFF button until the LED shines, then slide in the drawer.
▷ The IceMaker starts producing ice cubes.
If washing-up liquid was used:
▶ throw away the first three loads of ice cubes to get rid of any remaining washing-up liquid.

6.5 Customer service

First check whether you can correct the fault yourself by reference to the list (see Malfunction). If this is not the case, please contact the customer service whose address is given in the enclosed customer service list.

WARNING

Risk of injury if repair work is not carried out professionally!

▶ Have any repairs to and intervention in the appliance and mains power cable, which are not expressly mentioned in the (see Maintenance) carried out by the customer service only.

▶ Read the appliance designation *Fig. 33 (1)*, service No. *Fig. 33 (2)* and serial No. *Fig. 33 (3)* off the type plate located inside the appliance on the left-hand side.

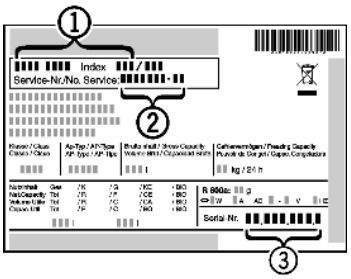


Fig. 33

▶ Notify the customer service, specifying the fault, appliance designation *Fig. 33 (1)*, service No. *Fig. 33 (2)* and serial No. *Fig. 33 (3)*.
▷ This will help us to provide you with a faster and more accurate service.
▶ Keep the appliance closed until the customer service arrives.
▷ The food will stay cool longer.
▶ Pull out the mains plug (not by pulling the connecting cable) or switch off the fuse.

7 Malfunction

Your appliance is designed and manufactured for a long life span and reliable operation. If a malfunction nonetheless occurs during operation, check whether it is due to a handling error. In this case you will have to be charged for the costs incurred, even during the warranty period. You may be able to rectify the following faults yourself:

Appliance does not work.
→ The appliance is not switched on.
▶ Switch on the appliance.
→ The power plug is not properly inserted in the wall socket.
▶ Check power plug.
→ The fuse of the wall socket is not in order.
▶ Check fuse.

The compressor runs for a long time.
→ The compressor switches to a low speed when little cold is needed. Although the running time is increased as a result, energy is saved.
▶ This is normal in energy-saving models.
→ SuperFrost is activated.
▶ The compressor runs for longer in order to rapidly cool the food. This is normal.
→ SuperCool is activated.
▶ The compressor runs for longer in order to rapidly cool the food. This is normal.

Excessive noise.
→ Speed-controlled* compressors may produce varying running noise due to different speed steps.
▶ The sound is normal.

A bubbling and gurgling noise.
→ This noise comes from the refrigerant flowing in the refrigeration circuit.
▶ The sound is normal.

A quiet clicking noise.
→ The noise is produced whenever the refrigeration unit (motor) automatically switches on or off.
▶ The sound is normal.

A hum. It is briefly a little louder when the refrigeration unit (the motor) switches on.
→ The refrigeration increases automatically when the SuperFrost, function is activated, fresh food has just been placed in the appliance or the door has been left open for a while.
▶ The sound is normal.
→ The refrigeration increases automatically when the SuperCool function is activated, fresh food has just been placed in the appliance or the door has been left open for a while.
▶ The sound is normal.
→ The ambient temperature is too high.
▶ Solution: (see 1.2)

Vibratory noise.
→ The appliance is not standing firmly on the floor. As a result, adjoining units or objects are set into vibration by the running refrigeration unit.
▶ Move bottles and containers apart.

Flow sound at the soft stop mechanism.
→ The noise is produced when the door is opened and closed.
▶ The sound is normal.

The temperature display indicates: F0 to F5.
→ There is a fault.
▶ Contact the customer service (see Maintenance).

The temperature display indicates: oA
→ The freezer temperature rose too high over the last hours or days due to a power failure or power interruption. When the power interruption is over, the appliance will continue to operate in the last temperature setting.

▶ alarm button *Fig. 2 (1)*Press
▷ The warmest temperature reached during the power failure will appear in the temperature display for about 60 s. After that, the actual temperature in the freezer will re-appear.
▶ To prematurely cancel the display of the warmest temperature: press alarm button *Fig. 2 (1)*.
▶ Check the quality of the food. Do not consume spoiled food. Do not re-freeze thawed food.

The IceMaker cannot be switched on. *
→ The appliance and therefore the IceMaker are not connected.
▶ Connect the appliance. (see Putting into operation).

The IceMaker does not make any ice cubes.*
→ The IceMaker is not switched on.
▶ Switch on the IceMaker.
→ The drawer of the IceMaker is not properly closed.
▶ Close the drawer properly.
→ The water connection is not open.
▶ Open the water connection.

The temperature is not cold enough.
→ The door of the appliance is not properly closed.
▶ Close the door of the appliance.
→ Insufficient ventilation.
▶ Clear ventilation grilles.
→ The ambient temperature is too high.
▶ Solution: (see 1.2) .
→ The appliance was opened too frequently or for too long.
▶ Wait until the appliance reaches the required temperature itself. If not, contact the customer service. (see Maintenance).
→ Too much fresh food was placed inside without SuperFrost.
▶ Solution: (see 5.7.4)
→ The temperature is incorrectly set.
▶ Set to a colder temperature and check after 24 h.
→ The appliance is too close to a heat source.
▶ Solution: (see Putting into operation).

The interior light is not on.
→ The appliance is not switched on.
▶ Switch on the appliance.
→ The door was open longer than 15 min.
▶ The interior light automatically switches off if the door has been open for about 15 min.
→ The LED lighting is defective or the cover is damaged:

WARNING
Risk of injury due to electric shock!
Live parts are located under the cover.
▶ Have the LED interior light changed or repaired only by the customer service or by specialized personnel trained for the purpose.

WARNING
Danger of injury due to laser radiation, class 1M.
▶ Do not look inside when the cover is open.

8 Decommissioning

8.1 Switching off the appliance

Note
▶ To switch off the entire appliance it is necessary only to switch off the freezer compartment.

8.1.1 Switching off the freezer compartment

▶ Press On/Off button, freezer compartment *Fig. 2 (3)* for about 2 s.
▷ The temperature displays are dark. The appliance is switched off.

8.1.2 Switching off the refrigerator compartment with BioFresh compartment

Note
▶ The refrigerator compartment can be switched off separately, if required.

▶ Press On/Off button, refrigerator compartment *Fig. 2 (11)* for about 2 s.
▷ The temperature display of the refrigerator compartment *Fig. 2 (7)* is dark. The refrigerator compartment and BioFresh compartment are switched off.

8.2 Taking the appliance out of service

▶ Empty the appliance.
▶ Put the IceMaker in the cleaning position (see Maintenance).*
▶ Pull out the power plug.
▶ Clean the appliance (see 6.3) .

▶ Leave the door open to prevent odour.

9 Disposing of the appliance

The appliance contains some reusable materials and should be disposed of properly - not simply with unsorted household refuse. Appliances which are no longer needed must be disposed of in a professional and appropriate way, in accordance with the current local regulations and laws.

When disposing of the appliance, ensure that the refrigeration circuit is not damaged to prevent uncontrolled escape of the refrigerant it contains (data on type plate) and oil.
▶ Disable the appliance.
▶ Pull out the plug.
▶ Cut through the connecting cable.